

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO. 023829-0220		SERIAL NO. To be determined	
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				APPLICANTS Arudi et al.			
				FILING DATE To be determined		GROUP ART UNIT To be determined	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
/AW/	A1	6,677,327 B1	01/13/2004	Gottemoller			
/AW/	A2	6,630,195 B1	10/07/2003	Muralidhara et al.			
/AW/	A3	6,599,556 B2	07/29/2003	Stark et al.			
/AW/	A4	2003/0124226 A1	07/03/2003	Tsukuda et al.			
/AW/	A5	2003/0091717 A1	05/15/2003	Porter et al.			
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
/AW/	A52	GB 1 540 376	02/14/1979	Great Britain			
/AW/	A53	1 580 051	11/26/1980	United Kingdom			
/AW/	A54	WO 98/12209	03/26/1998	PCT			
/AW/	A55	WO 02/100186 A2	12/19/2002	PCT			
/AW/	A56	WO 03/092402 A1	11/13/2003	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
/AW/	A57	International Search Report for PCT/US01/43304 dated December 19, 2002 (2 pages).					
/AW/	A58	Cheryan, "Mass Transfer Characteristics of Hollow Fiber Ultrafiltration of Soy Protein Systems," <u>J. Food Proc. Eng.</u> , <b>1</b> , pp. 269-287 (1977).					
/AW/	A59	Gould et al., "A Practical Approach to Controlling the Fouling of Ultrafiltration Membranes: A Case Study of the Successful Development of a Commercial Soy Protein Application," available @ <a href="http://www.osmonics.com/products/Page823.htm">http://www.osmonics.com/products/Page823.htm</a> (available at least by Dec. 3, 1999).					
/AW/	A60	Lawhon et al., "Processing Whey-Type By-Product Liquids from Cottonseed Protein Isolation with Ultrafiltration and Reverse Osmosis Membranes," <u>J. Food Proc. Eng.</u> , <b>1</b> , pp. 15-35 (1977).					
/AW/	A61	Lawhon et al., "Production of Protein Isolates and Concentrates from Oilseed Flour Extracts using Industrial Ultrafiltration and Reverse Osmosis Systems," <u>Journal of Food Science</u> , <b>42</b> , pp. 389-394 (1977).					
/AW/	A62	Lawhon et al., "Optimization of Protein Isolate Production from Soy Flour Using Industrial Membrane Systems," <u>Journal of Food Science</u> , <b>43</b> , pp. 361-369 (1978).					
/AW/	A63	Lawhon et al., "Alternate Processes for Use in Soy Protein Isolation by Industrial Ultrafiltration Membranes," <u>Journal of Food Science</u> , <b>44</b> , pp. 213-219 (1979).					
/AW/	A64	Lawhon et al., "Soy Protein Ingredients Prepared by New Processes-Aqueous Processing and Industrial Membrane Isolation," <u>Journal of the American Oil Chemists' Society</u> , <b>58</b> , pp. 377-383 (Mar. 1981).					
/AW/	A65	Lawhon et al., "Production of Oil and Protein Food Products from Raw Peanuts by Aqueous Extraction and Ultrafiltration," <u>Journal of Food Science</u> , <b>46</b> , pp. 391-395 (1981).					
/AW/	A66	Lawhon et al., "Combining Aqueous Extraction and Membrane Isolation Techniques to Recover Protein and Oil from Soybeans," <u>Journal of Food Science</u> , <b>46</b> , pp. 912-916 (1981).					
EXAMINER  /Anthony Weier/ (03/20/2007)				DATE CONSIDERED  03/20/2007			
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/AW/	A6	6,517,876 B2	02/11/2003	Tsukuda et al.			
	A7	6,514,546 B2	02/04/2003	Tsukuda et al.			
	A8	2002/0106440 A1	08/08/2002	Porter et al.			
	A9	2002/0106437 A1	08/08/2002	Karleskind et al.			
	A10	2002/0102346 A1	08/01/2002	Stark et al.			
	A11	5,760,182	06/02/1998	Adachi et al.			
	A12	5,086,166	02/04/1992	Lawhon et al.			
	A13	5,039,420	08/13/1991	Klein et al.			
	A14	5,000,848	03/19/1991	Hodgins et al.			
	A15	4,943,374	07/24/1990	Heininger et al.			
	A16	4,943,373	07/24/1990	Onishi et al.			
	A17	4,906,379	03/06/1990	Hodgins et al.			
	A18	4,897,465	01/30/1990	Cordie et al.			
	A19	4,889,921	12/26/1989	Diosady et al.			
	A20	4,787,976	11/29/1988	Parham et al.			
	A21	4,697,004	09/29/1987	Puski et al.			
	A22	4,624,805	11/25/1986	Lawhon			
	A23	4,608,203	08/26/1986	Akasaka et al.			
	A24	4,420,425	12/13/1983	Lawhon			
	A25	4,332,719	06/01/1982	Lawhon et al.			
	A26	4,324,805	04/13/1982	Olsen			
	A27	4,293,571	10/06/1981	Olofsson et al.			
	A28	4,256,652	03/17/1981	Kidani et al.			
	A29	4,252,652	02/24/1981	Elfert et al.			
	A30	4,163,010	07/31/1979	Garbutt			
	A31	4,147,745	04/03/1979	Sano et al.			
	A32	4,125,527	11/14/1978	Buhler et al.			
	A33	4,091,120	05/23/1978	Goodnight, Jr. et al.			
	A34	4,088,795	05/09/1978	Goodnight, Jr. et al.			
	A35	4,075,361	02/21/1978	Oberg			
/AW/	A36	4,072,670	02/07/1978	Goodnight, Jr. et al.			

To be determined

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				GROUP ART UNIT To be determined	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>					
/AW/	A67	Lawhon et al., "New Techniques in Membrane Processing of Oilseeds," <u>Food Technology</u> , 38, pp. 97-106 (1984).			
	A68	Nichols et al., "Production of Soy Isolates by Ultrafiltration: Factors Affecting Yield and Composition," <u>J. Food Sci.</u> , 46, pp. 367-372 (1981).			
	A69	Ogino et al., "Interfacial Action of Natural Surfactants in Oil/Water Systems," <u>Journal of Colloid and Interface Science</u> , 83, pp. 18-25 (September 1981).			
	A70	Okubo et al., "Preparation of Low-Phytate Soybean Protein Isolate and Concentrate by Ultrafiltration," <u>Cereal Chemistry</u> , 52, pp. 263-271 (1975).			
	A71	Omosaiye et al., "Removal of Oligosaccharides from Soybean Water Extracts by Ultrafiltration," <u>J. Food Sci.</u> , 43, pp. 354-360 (1978).			
	A72	Omosaiye et al., "Ultrafiltration of Soybean Water Extracts: Processing Characteristics and Yields," <u>J. Food Sci.</u> , 44, pp. 1027-1031 (1979).			
	A73	Omosaiye et al., "Low-Phytate, Full-Fat Soy Protein Product by Ultrafiltration of Aqueous Extracts of Whole Soybeans," <u>Cereal Chem.</u> , 56, pp. 58-62 (1979).			
	A74	Osmonics, "Osmonics® Ultrafilic® M-Series Membrane Engineered to be 'Fouling-Free,'" available @ <a href="http://www.osmonics.com/scripts/PressTmpl.asp?PressRelID=307">http://www.osmonics.com/scripts/PressTmpl.asp?PressRelID=307</a> (dated Oct. 4, 1999).			
	A75	Osmonics, "UltraFilic Membranes," available @ <a href="http://www.osmonics.com/products/Page918.htm">http://www.osmonics.com/products/Page918.htm</a> (available at least by Nov. 15, 2000).			
	A76	Porter et al., "Membrane ultrafiltration," <u>Chem. Tech.</u> , pp. 56-63 (Jan. 1971).			
	A77	S. K. Sayed Razavi, J. L. Harris, F. Sherkat, "Fouling and cleaning of membranes in the ultrafiltration of the aqueous extract of soy flour," <u>Journal Of Membrane Science</u> , 114 (1996), pp. 93-104.			
	A78	Torok, "The Filtration Spectrum," available @ <a href="http://www.osmonics.com/products/Page710.htm">http://www.osmonics.com/products/Page710.htm</a> (Published in "Filtration News" on May 1, 1994).			
/AW/	A79	United Soybean Board, "Soy Protein Isolate" available @ <a href="http://www.talksoy.com/isolate.htm">http://www.talksoy.com/isolate.htm</a> (available at least by Sept. 6, 2000).			

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary)

JUL 25 2005

Page 1 of 1

Application Number	10/814434
Filing Date	March 31, 2004
First Named Inventor	Arudi, Ravindra L
Art Unit	1761
Examiner Name	
Attorney Case Number	023829-0220 (CGL03/0182US01)

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number		Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)				
/AW/	A1	US-	2003/0124226A1	07-03-2003	Tsukuda et al.	
/AW/	A2	US-	3,988,511	10/26/1976	Schapiro	
	A3	US-				
	A4	US-				
	A5	US-				
	A6	US-				
	A7	US-				
	A8	US-				

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
	B1						
	B2						
	B3						
	B4						
	B5						
	B6						
	B7						

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

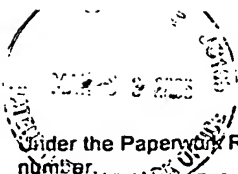
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/AW/	C1	XP-002331682; Database WPI Section Ch, Week 198533, Derwent Publications
	C2	
	C3	

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Date Considered: 03/20/2007

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: March 3, 2005

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Sheet 1 of 2

**Complete if Known**

Application Number	10/814,434
Filing Date	03/31/2004
First Named Inventor	Ravindra L. Arudi
Group Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	CGL03/0182US1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/AW/	A1	2004/0219281	A1	Porter et al.	11-04-2004	
	A2	2004/0131747	A1	Porter et al.	07-08-2004	
	A3	2004/0071858	A1	Nijhuis et al.	04-15-2004	
	A4	2004/0043127	A1	Monagle et al.	03-04-2004	
	A5	2004/0016288	A1	Nikolskaya	01-29-2004	
	A6	2003/0232121	A1	Monagle et al.	12-18-2003	
	A7	2003/0211225	A1	Singh	11-13-2003	
	A8	2003/0190401	A1	Singh	10-09-2003	
	A9	2003/0059514	A1	Villagran et al.	03-27-2003	
	A10	2003/0054087	A1	Monagle et al.	03-20-2003	
	A11	2003/0045689	A1	Monagle et al.	03-06-2003	
	A12	2003/0031768	A1	Dalziel et al.	02-13-2003	
	A13	2002/0197384	A1	Singh	12-26-2002	
	A14	2002/0114877	A1	Stark et al.	08-22-2002	
	A15	2002/0098276	A1	Porter et al.	07-25-2002	
	A16	2002/0039619	A1	Monagle	04-04-2002	
	A17	6,841,184	B2	Porter et al.	01-11-2005	
	A18	6,830,773	B2	Porter et al.	12-14-2004	
	A19	6,777,017	B2	Porter et al.	08-17-2004	
	A20	6,720,020	B2	Karleskind et al.	04-13-2004	
	A21	6,716,469	B2	Stark et al.	04-06-2004	
	A22	6,610,343	B2	Purtle et al.	08-26-2003	
	A23	6,471,981	B2	Hahn	10-29-2002	
	A24	6,361,814	B2	Purtle et al.	03-26-2002	
	A25	6,313,273	B1	Thomas et al.	11-06-2001	
	A26	6,261,565	B1	Empie et al.	07-17-2001	
	A27	6,241,996	B1	Hahn	06-05-2001	
	A28	6,066,350		Purtle et al.	05-23-2000	
	A29	6,015,785		Shen et al.	01-18-2000	
	A30	5,858,449		Crank et al.	01-12-1999	
	A31	5,763,389		Shen et al.	06-09-1998	
	A32	5,753,296		Girsh	05-19-1998	
	A33	5,676,987		Lai	10-14-1997	
	A34	5,362,425		Schrier	11-08-1994	
	A35	5,338,554		Vogt et al.	08-16-1994	
	A36	5,114,730		Ellis	05-19-1992	
	A37	4,164,594		Jackson et al.	08-14-1979	
	A38	3,987,138		Hege	10-19-1976	
	A39	3,560,218		Whelan	02-02-1971	
	A40	3,053,663		Donahue	09-11-1962	

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Date Considered 03/20/2007

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				Group Art Unit	To Be Determined
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				Attorney Docket Number	CGL03/0182US1
Sheet	2	of	2		

FOREIGN PATENT DOCUMENTS								
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
/AW/	A41	BE	BE 775206		Schapiro	05-10-1972		
	A42	CA	CA 1,219,764		Ho et al.	03-31-1987		
	A43	DE	DE 39 01 056	A1	Vogt et al.	07-19-1990		
	A44	DE	DE 1 934 649	A	Draiswerke GmbH	01-14-1971		
	A45	EP	EP 0 379 023	A1	Vogt et al.	07-25-1990		
	A46	EP	EP 0 252 760	B1	Mitsubishi et al.	01-13-1988		
	A47	FR	FR 1 274 872		Corn Products Company	10-27-1961		
	A48	GB	GB 1,177,860		Whelan	01-14-1970		
	A49	JP	JP 2000-342183		Kimura et al.	12-12-2000		
	A50	JP	JP 2000-125767		Inoue et al.	05-09-2000		
	A51	JP	JP 9-275905		Ito et al.	10-28-1997		
	A52	JP	JP 7-87893		Aizawa et al.	04-04-1995		
	A53	JP	JP 7-87892		Aizawa et al.	04-04-1995		
	A54	JP	JP 5-15349		Hayasaka et al.	01-26-1993		
	A55	JP	JP 3-155748		Inoue	07-03-1991		
	A56	JP	JP 62-272941		Morishima	11-27-1987		
	A57	JP	JP 62-126966		Saito et al.	06-09-1987		
	A58	JP	JP 62-104554		Nakazato et al.	05-15-1987		
	A59	JP	JP 59-91845		Nakayama et al.	05-26-1984		
	A60	JP	JP 58-146238		Morishima	08-31-1983		
	A61	JP	JP 54-157880		Okumura	12-13-1979		
	A62	JP	JP 53-066473		Hara et al.	06-13-1978		
	A63	SU	210300		Gekker et al.	04-03-1968		X
/AW/	A64	WO	WO 2004/16288	A1	Dalziel et al.	02-26-2004		
	A65	WO	WO 96/34535	A1	Dolan et al.	11-07-1996		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

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